# SMC6110L2

TigerSwitch 10/100 Standalone 8-port 10/100 Managed Layer 2 Switch with 2 x Gigabit Combo ports

## OVERVIEW

The SMC6110L2 provides wire speed 10/100 Fast Ethernet switching with features specifically designed for smaller SMB workgroup environments. The switch has 2 built in Gigabit ports providing enhanced uplink capabilities. An integrated part of this switch family is the IP Clustering function. The feature allows customers to group together up to 32 switches into a single logical group which can be managed using a single IP address. The switch features advanced Quality of Service features that can reduce the latency of packets through the network, with specific traffic prioritization improving the delivery of converged data such as voice and high quality video over IP. Overall this switch is part of flexible switch family which brings PoE and non-PoE switches to the edge of the network.

## KEY FEATURES

### High port density in a small footprint

Low density fully managed switch with 8 ports 10/100 plus 2 Gigabit combo ports for uplink bandwidth and redundancy

### Supports IP Clustering

Clustering enables single IP address management for up to 32 devices from the SMC61xxL2 and SMC81xxL2 families

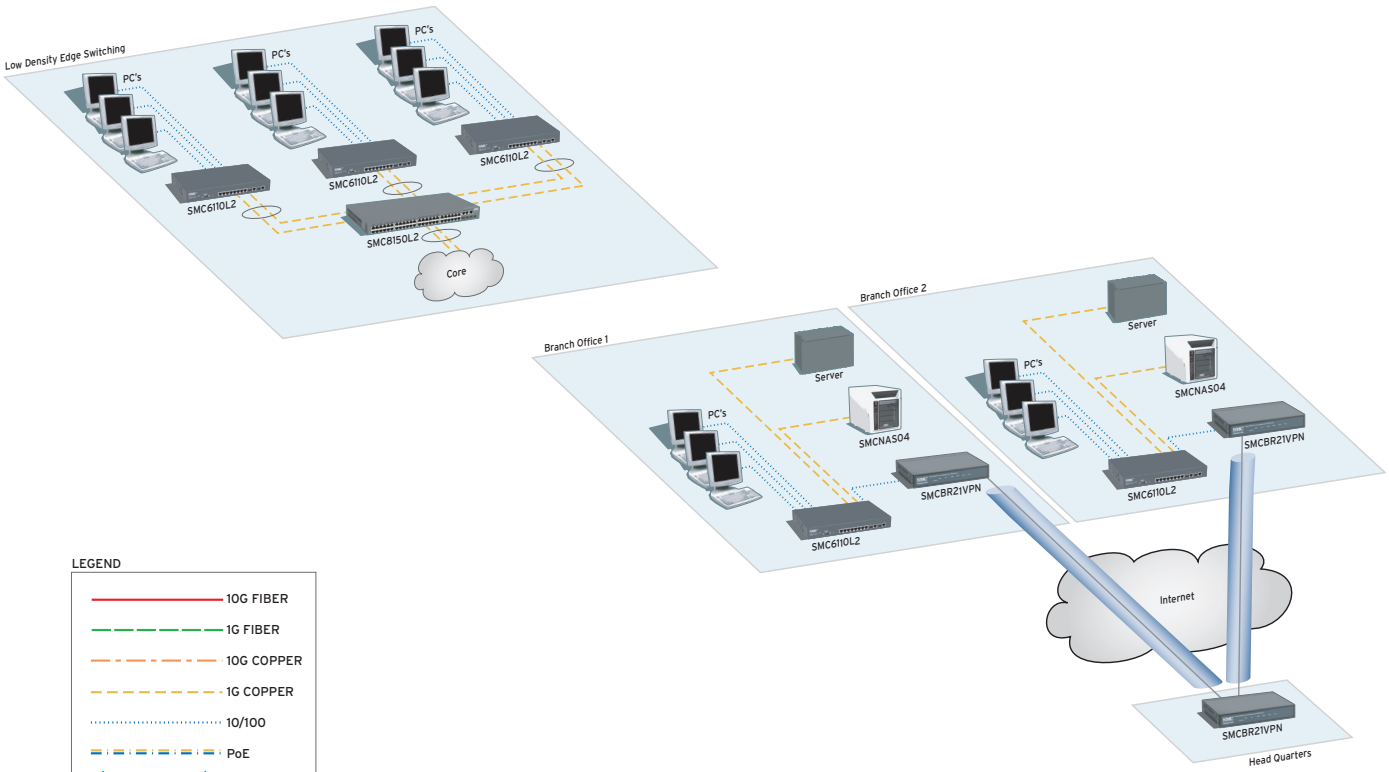
### Enables local network management

Software includes LLDP and UPNP enable device discovery for simple management for edge network systems

### Fanless Design for edge deployment

Low power consumption and highly integrated solution allows the device to not need a fan so desktop or rack mount installation is possible

## APPLICATION DIAGRAM



# TECH SPECS - SMC6110L2

## PORTS
- 8 10/100BASE-T ports
- 2 Gigabit combo ports (RJ-45/SFP)

## NETWORK INTERFACE
- 10/100 BASE-T ports
- 10/100/1000 BASE-T ports
- SFP Transceiver slots supporting SX, LX and ZX SFP
- Multimode fiber cable; 62.5/125 or 50/125 microns
- Singlemode fiber cable: 9/125 micron

## SWITCHING FABRIC
- 6.5Gbps
- 6.1Mpps

## BUFFER ARCHITECTURE
- 2Mbits

## SWITCHING DATABASE
- 8K MAC address entries

## LED
- System: Power, Diag
- Ports: Link/activity

## TEMPERATURE
- Operating: 0 to 40 °C/32 to 104 °F
- Storage: -40 to 70 °C/-40 to 158 °F

## HUMIDITY
- Operating: 10% to 90% (non-condensing)

## WEIGHT
- 1.8 kg
- 3.97 lbs

## DIMENSIONS
- 330 x 204 x 43 mm
- 12.99 x 8.03 x 1.73in

## AC INPUT
- 100 to 240 V, 50-60 Hz, 0.4A

## POWER SUPPLY
- Internal, auto-ranging transformer: 100 to 240 VAC, 50 to 60 Hz

## POWER CONSUMPTION
- 13.2 Watts maximum

## MAXIMUM CURRENT
- 0.4 A @ 100 VAC
- 0.2 A @ 240 VAC

## MTBF
- 8 Years

## SWITCH FEATURES
- Spanning Tree Protocol (802.1D, .1w)
- Forwarding Mode
  - Store-and-forward
- VLAN Support
  - Up to 255 groups; port-based or with 802.1Q
  - VLAN tagging, GVRP for automatic VLAN learning
  - 802.1v (Protocol based Vlans)
  - Private vlan support
- Quality of Service
  - Supports 4 levels of priority with flexible classification and prioritization
  - Per port bandwidth management
- MultiLink Trunking (LACP)
  - 8 groups of up to 8 ports
- Port Mirroring
- IEEE 802.1x
- L2/L3/L4 access control lists
- TACACS+ client authentication
- HTTPS and SSL
- SSH for Telnet sessions
- Static port security
- Jumbo Frame support (on gigabit ports)
- Dual firmware images
- Multiple configuration files support
- LLDP
- UPnP

## MANAGEMENT FEATURES
- In-Band Management
  - Telnet, SLIP, Web-based HTTP, or SNMP manager
- Out-of-Band Management
  - RS-232 DB-9 console port
- Software Loading
  - TFTP in-band or Xmodem out-of-band
- MIB Support
  - MIB II (RFC 1213), Bridging MIB (RFC 1493), Ethernet-Like MIB (RFC 2665), Bridge MIB Extensions (RFC 2764), RMON MIB (RFC 1757), RFC 2737, RFC 2742, RFC 2021, RFC 2863, RFC 2618, SMC's private MIB

## STANDARDS
- IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet
- IEEE802.1D Spanning Tree Protocol and traffic priorities
- IEEE802.1p Priority tags
- IEEE802.1Q VLAN
- IEEE802.1ac VLAN tagging
- IEEE802.1ad Link aggregation control protocol
- IEEE802.1w Rapid Spanning Tree
- IEEE802.1v Protocol Based Vlans

## RMON SUPPORT
- Groups 1,2,3, 9 (Statistics, History, Alarm, Event)

## ISO
- IEC8802.3

## COMPLIANCES
- CE Mark

## EMISSIONS
- FCC Class A
- Industry Canada Class A
- EN55022 (CISPR 22) Class A
- EN 61000-3-2/3
- VCCI Class A

## IMMUNITY
- EN 61000-4-2/3/4/5/6/8/11
- MIC Class A

## SAFETY
- UL 60950-1 and CSA 60950-1
- IEC 60950-1 and EN 60950-1

## WARRANTY
- Limited lifetime

## SLIDE-IN TRANSCEIVERS FOR COMBO PORTS

### SMC1GSFP-SX
- 1G SX SFP Transciever, 550M, Multimode fiber

### SMC1GSFP-LX
- 1G LX SFP Transciever, 10Km, Singlemode fiber

### SMC1GSFP-ZX
- 1G LH SFP Transciever, 70Km Singlemode fiber

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